



CONSTRUCTION EQUIPMENT

SPM686818 SENNEBOGEN 835 835.0.2015 - RIGHT SWING DRIVE



Sample No: VCP407402
Oil Type: GEAR OIL SAE 80W90
Job No: SPM686818



SAMPLE INFORMATION

Sample Number	VCP407402	VCP365832	VCP373874	VCP358516
Sample Date	15 Mar 2024	26 Jan 2023	02 Aug 2022	07 Apr 2022
Machine Hours	24766	23836	23382	22573
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	ABNORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608

Contact: RYAN WISE
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OIL CONDITION

Visc @ 40°C	cSt	201	186	186	218
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CONTAMINATION

Water	%	NEG	▲ 0.198	NEG	NEG
Silicon	ppm	25	18	11	11
Sodium	ppm	0	0	0	0
Potassium	ppm	2	7	5	15

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	128	388	171	▲ 453
Copper	ppm	50	▲ 228	184	146
Lead	ppm	2	<1	<1	<1
Tin	ppm	<1	9	6	13
Aluminum	ppm	2	2	2	3
Chromium	ppm	1	3	2	3
Molybdenum	ppm	2	3	3	<1
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	<1	0	<1	0
Manganese	ppm	4	3	1	4
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	2240	2939	2877	115
Magnesium	ppm	12	38	35	3
Zinc	ppm	1015	1025	1033	131
Phosphorus	ppm	849	918	896	458
Barium	ppm	16	<1	<1	0
Boron	ppm	10	30	24	26

Depot: SIMCHIL
Unique No: 10941433
Signed: Sean Felton
Report Date: 27 Mar 2024



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GRAPHS

